



PCT09

RAW SEQUENCE LISTING

DATE: 08/01/2002

PATENT APPLICATION: US/09/763,129B

TIME: 20:27:32

Input Set : N:\CrF3\07292002\I763129B.raw
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1 <110> APPLICANT: CO, MAN SUNG
 2 MAXIMILLIANO, VASQUEZ
 3 <120> TITLE OF INVENTION: ANTITHROMBOTIC AGENT AND HUMANIZED ANTI-VON WILLEBRAND
 FACTOR MONOCLONAL
 4 ANTIBODY
 5 <130> FILE REFERENCE: 202617US0PCT
 C--> 6 <140> CURRENT APPLICATION NUMBER: US/09/763,129B
 7 <141> CURRENT FILING DATE: 2002-07-01
 8 <150> PRIOR APPLICATION NUMBER: PCT/US99/16724
 9 <151> PRIOR FILING DATE: 1999-08-19
 10 <150> PRIOR APPLICATION NUMBER: 09/136,315
 11 <151> PRIOR FILING DATE: 1998-08-19
 12 <160> NUMBER OF SEQ ID NOS: 8
 13 <170> SOFTWARE: PatentIn version 3.1
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 18 <213> ORGANISM: Mus musculus
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 20 <221> NAME/KEY: CDS
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 22 <223> OTHER INFORMATION:
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 26 1 5 10 15
 27 cag tgt gag gtg aaa ctt ctc gag tct gga ggt ggc ctg gtg cag act 96
 28 Gln Cys Glu Val Lys Leu Leu Glu Ser Gly Gly Leu Val Gln Thr
 29 20 25 30
 30 gga gga tcc ctg aaa ctc tcc tgt gca gcc tca gga ttc gat ttt agt 144
 31 Gly Gly Ser Leu Lys Leu Ser Cys Ala Ala Ser Gly Phe Asp Phe Ser
 32 35 40 45
 33 aga ttc tgg atg agt tgg gtc cgg cag gct cca ggg aaa ggg cta gaa 192
 34 Arg Phe Trp Met Ser Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu
 35 50 55 60
 36 tgg att gga gaa gtt aat cca gat aac aat acg atg aac tat acg cca 240
 37 Trp Ile Gly Glu Val Asn Pro Asp Asn Asn Thr Met Asn Tyr Thr Pro
 38 65 70 75 80
 39 tct cta aag gat aaa ttc atc atc tcc aga gac aac gcc aaa aat acg 288
 40 Ser Leu Lys Asp Lys Phe Ile Ile Ser Arg Asp Asn Ala Lys Asn Thr
 41 85 90 95
 42 ctg tac ctg caa atg agt caa gtg aga tct gag gac aca gcc ctt tac 336
 43 Leu Tyr Leu Gln Met Ser Gln Val Arg Ser Glu Asp Thr Ala Leu Tyr
 44 100 105 110

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45 tac tgt gca aga cct ccc tac tat ggt agc tac ggg ggg ttt gct tac 384
 46 Tyr Cys Ala Arg Pro Pro Tyr Tyr Gly Ser Tyr Gly Gly Phe Ala Tyr
 47 115 120 125
 48 tgg ggc caa ggg act ctg gtc tct gtc tcg cca 417
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 50 130 135
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 60 20 25 30
 61 Gly Gly Ser Leu Lys Leu Ser Cys Ala Ala Ser Gly Phe Asp Phe Ser
 62 35 40 45
 63 Arg Phe Trp Met Ser Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu
 64 50 55 60
 65 Trp Ile Gly Glu Val Asn Pro Asp Asn Asn Thr Met Asn Tyr Thr Pro
 66 65 70 75 80
 67 Ser Leu Lys Asp Lys Phe Ile Ile Ser Arg Asp Asn Ala Lys Asn Thr
 68 85 90 95
 69 Leu Tyr Leu Gln Met Ser Gln Val Arg Ser Glu Asp Thr Ala Leu Tyr
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 71 Tyr Cys Ala Arg Pro Pro Tyr Tyr Gly Ser Tyr Gly Gly Phe Ala Tyr
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 82 <222> LOCATION: (1)..(381)
 83 <223> OTHER INFORMATION:
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 87 1 5 10 15
 88 gat gcc aga tgt gac atc cag atc cag tct cca gcc tcc cta tct 96
 89 Asp Ala Arg Cys Asp Ile Gln Met Thr Gln Ser Pro Ala Ser Leu Ser
 90 20 25 30
 91 gta tct gtg gga gaa act gtc acc atc aca tgt cga gca agt gag aat 144
 92 Val Ser Val Gly Glu Thr Val Thr Ile Thr Cys Arg Ala Ser Glu Asn
 93 35 40 45
 94 att tac aat aat tta gct tgg tat cag cag aga cag gga aaa tct cct 192
 95 Ile Tyr Asn Asn Leu Ala Trp Tyr Gln Gln Arg Gln Gly Lys Ser Pro

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96	50	55	60	
97	cag ctc ctg gtc tat gct gca aca aac tta gca gat ggt gtg cca tca			240
98	Gln Leu Leu Val Tyr Ala Ala Thr Asn Leu Ala Asp Gly Val Pro Ser			
99	65	70	75	80
100	agg ttc agt ggc agt gga tca ggc aca cag tat tcc ctc aag atc gac			288
101	Arg Phe Ser Gly Ser Gly Ser Gly Thr Gln Tyr Ser Leu Lys Ile Asp			
102	85	90	95	
103	agc ctg cag tct gaa gat ttt ggg agt tat tac tgt caa cat ttg tgg			336
104	Ser Leu Gln Ser Glu Asp Phe Gly Ser Tyr Tyr Cys Gln His Leu Trp			
105	100	105	110	
106	act tct ccg tac acg ttc gga ggg ggg acc aag ctg gaa ata aaa			381
107	Thr Ser Pro Tyr Thr Phe Gly Gly Thr Lys Leu Glu Ile Lys			
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112	<212> TYPE: PRT			
113	<213> ORGANISM: Mus musculus			
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117	Asp Ala Arg Cys Asp Ile Gln Met Thr Gln Ser Pro Ala Ser Leu Ser			
118	20	25	30	
119	Val Ser Val Gly Glu Thr Val Thr Ile Thr Cys Arg Ala Ser Glu Asn			
120	35	40	45	
121	Ile Tyr Asn Asn Leu Ala Trp Tyr Gln Gln Arg Gln Gly Lys Ser Pro			
122	50	55	60	
123	Gln Leu Leu Val Tyr Ala Ala Thr Asn Leu Ala Asp Gly Val Pro Ser			
124	65	70	75	80
125	Arg Phe Ser Gly Ser Gly Ser Gly Thr Gln Tyr Ser Leu Lys Ile Asp			
126	85	90	95	
127	Ser Leu Gln Ser Glu Asp Phe Gly Ser Tyr Tyr Cys Gln His Leu Trp			
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144	Met Asp Phe Gly Leu Ile Phe Phe Ile Val Ala Leu Leu Lys Gly Val			
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146	cag tgt gag gtg caa ctt gtc gag tct gga ggt gga cta gtg cag cct			96

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Input Set : N:\CrF3\07292002\I763129B.raw
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148				20				25						30			
149	gga	gga	tca	ctg	aga	ctc	tcc	tgt	gca	gcc	tca	gga	ttc	gat	ttt	agt	144
150	Gly	Gly	Ser	Leu	Arg	Leu	Ser	Cys	Ala	Ala	Ser	Gly	Phe	Asp	Phe	Ser	
151				35				40					45				
152	aga	ttc	tgg	atg	agt	tgg	gtc	cgg	cag	gct	cca	ggg	aaa	ggg	ctc	gag	192
153	Arg	Phe	Trp	Met	Ser	Trp	Val	Arg	Gln	Ala	Pro	Gly	Lys	Gly	Leu	Glu	
154				50				55				60					
155	tgg	att	gga	gaa	gtt	aat	cca	gat	aac	aat	acg	atg	aac	tat	acg	cca	240
156	Trp	Ile	Gly	Glu	Val	Asn	Pro	Asp	Asn	Asn	Thr	Met	Asn	Tyr	Thr	Pro	
157				65				70			75		80				
158	tct	cta	aag	gat	aaa	ttc	acc	atc	tcc	aga	gac	aac	gcc	aaa	aat	acg	288
159	Ser	Leu	Lys	Asp	Lys	Phe	Thr	Ile	Ser	Arg	Asp	Asn	Ala	Lys	Asn	Thr	
160				85				90			95						
161	ctg	tac	ctg	caa	atg	aac	tca	ttg	aga	gct	gag	gac	acg	gcc	gtt	tac	336
162	Leu	Tyr	Leu	Gln	Met	Asn	Ser	Leu	Arg	Ala	Glu	Asp	Thr	Ala	Val	Tyr	
163				100				105			110						
164	tac	tgt	gca	aga	cct	ccc	tac	tat	ggt	agc	tac	ggg	ggg	ttt	gct	tac	384
165	Tyr	Cys	Ala	Arg	Pro	Pro	Tyr	Tyr	Gly	Ser	Tyr	Gly	Gly	Phe	Ala	Tyr	
166				115				120			125						
167	tgg	ggc	caa	ggg	act	ctg	gtc	acc	gtc	tcc	tca						417
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180	Gln	Cys	Glu	Val	Gln	Leu	Val	Glu	Ser	Gly	Gly	Gly	Leu	Val	Gln	Pro	
181					20				25			30					
182	Gly	Gly	Ser	Leu	Arg	Leu	Ser	Cys	Ala	Ala	Ser	Gly	Phe	Asp	Phe	Ser	
183					35				40			45					
184	Arg	Phe	Trp	Met	Ser	Trp	Val	Arg	Gln	Ala	Pro	Gly	Lys	Gly	Leu	Glu	
185					50				55			60					
186	Trp	Ile	Gly	Glu	Val	Asn	Pro	Asp	Asn	Asn	Thr	Met	Asn	Tyr	Thr	Pro	
187					65				70			75		80			
188	Ser	Leu	Lys	Asp	Lys	Phe	Thr	Ile	Ser	Arg	Asp	Asn	Ala	Lys	Asn	Thr	
189					85				90			95					
190	Leu	Tyr	Leu	Gln	Met	Asn	Ser	Leu	Arg	Ala	Glu	Asp	Thr	Ala	Val	Tyr	
191					100				105			110					
192	Tyr	Cys	Ala	Arg	Pro	Pro	Tyr	Tyr	Gly	Ser	Tyr	Gly	Gly	Phe	Ala	Tyr	
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Input Set : N:\Crf3\07292002\I763129B.raw
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198 <211> LENGTH: 381
199 <212> TYPE: DNA
200 <213> ORGANISM: Artificial Sequence
201 <220> FEATURE:
202 <223> OTHER INFORMATION: Synthetic DNA
203 <220> FEATURE:
204 <221> NAME/KEY: CDS
205 <222> LOCATION: (1)..(381)
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209 Met Ser Val Pro Thr Gln Val Leu Gly Leu Leu Leu Trp Leu Thr
210 1 5 10 15
211 gat gcc aga tgt gac atc cag atg act cag tct cca tcc tcc cta tct 96
212 Asp Ala Arg Cys Asp Ile Gln Met Thr Gln Ser Pro Ser Ser Leu Ser
213 20 25 30
214 gca tct gtg gga gac agg gtc acc atc aca tgt cga gca agt gag aat 144
215 Ala Ser Val Gly Asp Arg Val Thr Ile Thr Cys Arg Ala Ser Glu Asn
216 35 40 45
217 att tac aat aat tta gct tgg tat cag cag aaa ccg gga aaa gct cct 192
218 Ile Tyr Asn Asn Leu Ala Trp Tyr Gln Gln Lys Pro Gly Lys Ala Pro
219 50 55 60
220 aag cta cta gtc tat gct gca aca aac tta gca gat ggt gtg cca tca 240
221 Lys Leu Leu Val Tyr Ala Ala Thr Asn Leu Ala Asp Gly Val Pro Ser
222 65 70 75 80
223 agg ttc agt ggc agt gga tca ggc aca cag tat acc ctc acg atc agc 288
224 Arg Phe Ser Gly Ser Gly Thr Gln Tyr Thr Leu Thr Ile Ser
225 85 90 95
226 agc ctc cag cct gag gat ttt gcg act tat tac tgt caa cat ttg tgg 336
227 Ser Leu Gln Pro Glu Asp Phe Ala Thr Tyr Tyr Cys Gln His Leu Trp
228 100 105 110
229 act tct ccg tac acg ttc gga ggg ggg acc aag gtg gaa ata aaa 381
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243 20 25 30
244 Ala Ser Val Gly Asp Arg Val Thr Ile Thr Cys Arg Ala Ser Glu Asn
245 35 40 45
246 Ile Tyr Asn Asn Leu Ala Trp Tyr Gln Gln Lys Pro Gly Lys Ala Pro
247 50 55 60

VERIFICATION SUMMARY

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L:6 M:270 C: Current Application Number differs, Wrong Format